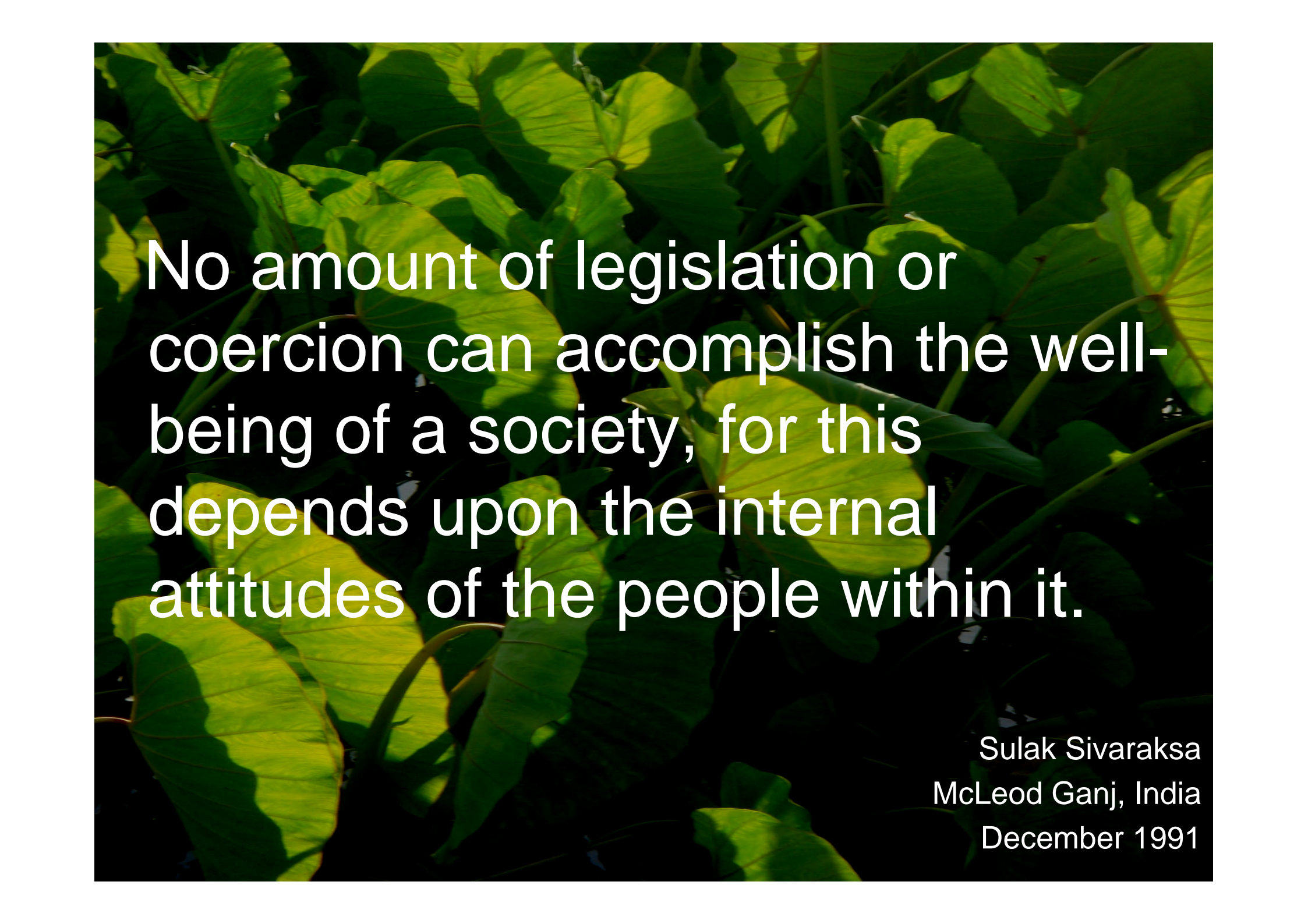




Ano ai me ke aloha  
kakou  
e na hulu manu like ole

Greetings with aloha  
among all of us  
birds of many feathers



No amount of legislation or coercion can accomplish the well-being of a society, for this depends upon the internal attitudes of the people within it.

Sulak Sivaraksa  
McLeod Ganj, India  
December 1991



# **Hawaii's Clean Energy Future: Or Lessons To Be Learned From Aloha & Poi**

**Representative Hermina Morita**

**Chair, House Committee on Energy & Environmental Protection  
Hawaii State House of Representatives**

<b>A</b> kahai	kindness expressed with tenderness
<b>L</b> okahi	unity expressed with harmony
<b>O</b> luolu	to be agreeable expressed with pleasantness
<b>H</b> aahaa	humility expressed by modesty
<b>A</b> honui	patience expressed by perseverance



Aloha is more than a word of greeting or farewell or a salutation it is the mutual regard and affection and extends warmth in caring with no obligation in return.

Aloha is the essence of relationships in which each person is important to every other person for collective existence.

Aloha means to hear what is not said, to see what cannot be seen and to know the unknowable.

[ § 5-7.5] **"Aloha Spirit"**. (a) "Aloha Spirit" is the coordination of mind and heart within each person. It brings each person to the self. Each person must think and emote good feelings to others. In the contemplation and presence of the life force, "Aloha", the following unuhi laula loa may be used:

"Akahai", meaning kindness to be expressed with tenderness;

"Lokahi", meaning unity, to be expressed with harmony;

"Oluolu", meaning agreeable, to be expressed with pleasantness;

"Haahaa", meaning humility, to be expressed with modesty;

"Ahonui", meaning patience, to be expressed with perseverance.

These are traits of character that express the charm, warmth and sincerity of Hawaii's people. It was the working philosophy of native Hawaiians and was presented as a gift to the people of Hawaii. "Aloha" is more than a word of greeting or farewell or a salutation. "Aloha" means mutual regard and affection and extends warmth in caring with no obligation in return. "Aloha" is the essence of relationships in which each person is important to every other person for collective existence. "Aloha" means to hear what is not said, to see what cannot be seen and to know the unknowable.

(b) In exercising their power on behalf of the people and in fulfillment of their responsibilities, obligations and service to the people, the legislature, governor, lieutenant governor, executive officers of each department, the chief justice, associate justices, and judges of the appellate, circuit, and district courts may contemplate and reside with the life force and give consideration to the "Aloha Spirit".

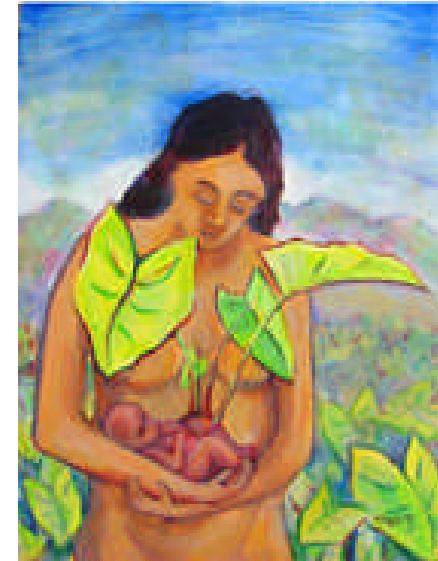
[L 1986, c 202, §1]

**Hawaii Revised Statutes, Chapter 5, Section 7.5**



**Hanalei Valley  
Kauai**





# Haloa

**Haloa** – the first born became the taro plant, the food of mankind

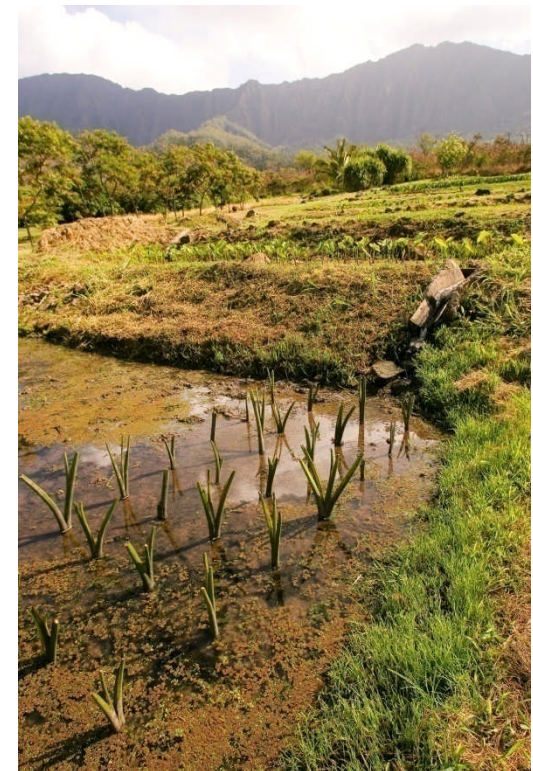
**Haloa** – the second born is the genesis of man



**kalo (taro) corms  
oha**



**Preparing huli (stalks)  
for replanting**



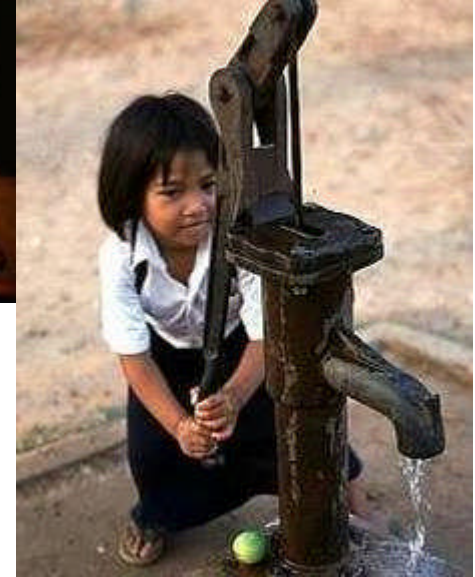
pounding the **oha**  
(taro corms) to  
make **poi**



**Poi**  
The  
Hawaiian  
Source of Human  
Energy







**“Unfortunately, up to now we have been trying to solve the problems caused by the Dirty Fuels System piecemeal, one at a time, instead of trying to create a new system to replace it. The result has been that as we try to fix one problem, we end up creating or exacerbating another. . .**

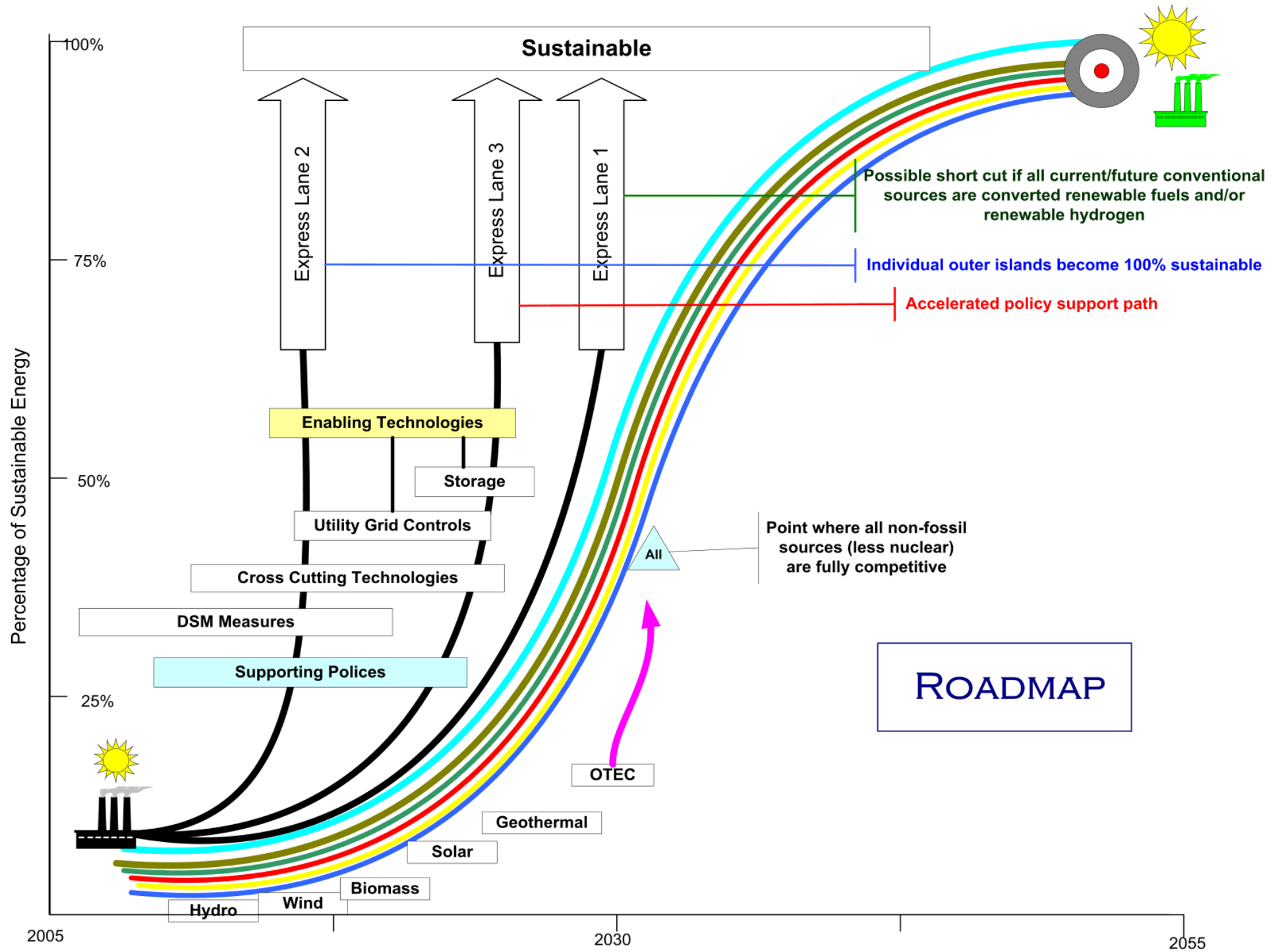
**We need a whole new system for powering our economy.**

**The only way America will remain a big power and big player in the global system is if it is big in big things. And there will be no bigger undertaking in the world we are heading into than the production of clean power, energy efficiency, and protection of our forest, plant, and animal heritage. . . Green is the new red, white and b**



**Thomas L. Friedman, Economist**

*Hot, Flat, and Crowded: Why We Need A Green Revolution And How It Can Renew America*



# Hawaii Clean Energy Initiative

- The HCEI is a partnership between the State of Hawaii and U.S. Department of Energy to analyze, plan and implement an integrated energy strategy to [transform](#) Hawaii's energy sector.
- The goal is to accelerate use of renewable, indigenous energy resources in Hawaii while decreasing imported energy demand by increasing the scale and rate of renewable energy and energy efficiency technology market adoption in residential, building, industrial, utility and transportation end-use sectors.

For  
Hawaii  
***Green***  
Means We're  
In The  
Black



## Potential Impacts of **Clean Energy** on Hawaii's Economy by 2020

- Displace 110 million barrels of crude oil
- Retain \$6.3 billion in Hawaii's economy (2006 oil prices)
- Eliminate 49 million tons of CO<sub>2</sub>
- Result in 65,700 job-years of employment
- Equivalent to stopping all flows of oil into the state for 2 years between now and 2020

## **Strategy Embedded In The Hawaii Clean Energy Initiative**

- 70% Clean Energy By 2030  
(renewables & energy efficiency)
- Improve Hawaii's economic condition  
and create jobs
- Economic & environmental equity  
between citizens
- Mitigate the impacts of oil prices &  
supply vulnerability
- Maximize locally generated  
resources and self-sufficiency
- Reasonable energy costs

## **Tactics Embedded In The Regulatory Framework**

- In early years, favor new renewables;  
don't provide a windfall to existing  
renewables
- Maximize a "no regrets strategy" as soon  
as possible to include PV, solar water  
heating, easy wind, energy efficiency,  
utility efficiency
- Do not penalize the utility for things they  
cannot control such as oil prices
- Preserve maximum flexibility for  
alternative business models, new  
technological innovation and changing  
costs
- Maximize ease & efficient administration  
and low transaction costs
- Keep utilities healthy & rates reasonable
- Emphasize high certainty, predictability,  
and consistency of message, methods  
and incentives



. . . the continued pattern of growth and consumption -- the typical indicators of economic prosperity -- in a finite space, whether an island or on planet Earth is unsustainable. So, now, we need to ask ourselves -- where do we want to go as a global community? What kind of a world do we want to leave to future generations -- whose lives we impact by the way we live and do business.

As parents and  
grandparents we  
work to meet our  
moral obligation to  
future generations  
for a healthy,  
secure and  
prosperous world





Kumu

Dietrich Varez



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